**Non Pharmacologic – Assist Control**

**Sleep Efficiency**

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**Toublanc [1], Cabello [2], Andrejak [3]**

**Non Pharmacologic – Assist Control**

**Stage 1 Sleep**

****

**Cabello [2], Andrejak [3]**

**Non Pharmacologic – Assist Control**

**Stage 2 Sleep**

****

**Cabello [2], Andrejak [3]**

**Non Pharmacologic – Assist Control**

**REM Sleep**

****

**Cabello [2], Andrejak [3]**

**Non Pharmacologic – Adaptive Ventilation**

**Sleep Efficiency**

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**Alexopoulou 2007 [4], Bosma [5], Alexopoulou 2013 [6], Delisle [7], Cabello [2]**

**Non Pharmacologic – Adaptive Ventilation**

**Sleep Fragmentation**

****

**Alexopoulou 2007 [4], Bosma [5], Alexopoulou 2013 [6], Delisle [7], Cabello [2]**

**Non Pharmacologic – Adaptive Ventilation**

**Stage 1 Sleep**

****

**Alexopoulou 2007 [4], Bosma [5], Alexopoulou 2013 [6], Delisle [7], Cabello [2]**

**Non Pharmacologic– Adaptive Ventilation**

**Stage 2 Sleep**

****

**Alexopoulou 2007 [4], Bosma [5], Alexopoulou 2013 [6], Delisle [7], Cabello [2]**

**Non Pharmacologic– Adaptive Ventilation**

**REM Sleep**

****

**Alexopoulou 2007 [4], Bosma [5], Alexopoulou 2013 [6], Delisle [7], Cabello [2]**

**Non Pharmacologic – Adaptive Ventilation**

**Apneas/hour**

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**Bosma [5], Cabello [2], Delisle [7]**

**Non Pharmacologic – Aromatherapy**

**Self-Reported Sleep**

**Cho [8], Little 2012 [9]**

**Pharmacologic – Dexmedetomdine**

**Sleep Fragmentation**

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**Alexopoulou [10], Wu [11]**

**Pharmacological Dexmedetomidine**

**Stage 1 Sleep**

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**Alexopoulou [10], Wu [11]**

**Pharmacological Dexmedetomidine**

**Stage 2 Sleep**

****

**Alexopoulou [10], Wu [11]**

**Multicomponent Sleep Protocol**

**Daytime Sleepiness**

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**Li [12], Lee [13], Kamdar [14]**

**Multicomponent Sleep Protocol**

**Delirium**

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**Lee [13], Kamdar [14], Patel [15]**

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